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C1
~~--33. A method of treating a human in whom it is desired to induce long term immunological unresponsiveness to a specific antigen within said human, which method consists essentially of administering to said human an amount of a non-depleting anti-CD4 monoclonal antibody and a non-depleting anti-CD8 monoclonal antibody sufficient to induce said immunological unresponsiveness within said human.~~

34. The method according to claim 33 wherein said antigen is selected from the group consisting of transplantation antigens, autoantigens and immunoglobulins.

35. The method according to claim 34 wherein said antigen is a transplantation antigen provided by an organ graft, a tissue graft or a bone marrow graft.

36. A method of treating a human in whom it is desired to induce long term immunological unresponsiveness to a specific antigen within said human, which method consists essentially of administering to said human an amount of a non-depleting anti-CD4

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monoclonal antibody, a non-depleting anti-CD8 monoclonal antibody and of a depleting anti-CD4 monoclonal antibody or a depleting anti-CD8 monoclonal antibody sufficient to induce said immunological unresponsiveness within said human,

wherein said depleting anti-CD4 monoclonal antibody or said depleting anti-CD8 monoclonal antibody is administered prior to said non-depleting anti-CD4 and anti-CD8 monoclonal antibodies.

sub D27
37. A method of treating a human in whom it is desired to induce long term immunological unresponsiveness to a specific antigen within said human selected from the group consisting of transplantation antigens and immunoglobulins, which method consists essentially of administering to said human an amount of a non-depleting anti-CD4 monoclonal antibody sufficient to induce said immunological unresponsiveness within said human.

38. The method according to claim 37 wherein said antigen is a transplantation antigen provided by an organ graft, a tissue graft or a bone marrow graft.

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C 39. A method of treating a human in whom it is desired to induce long term immunological unresponsiveness to a specific antigen within said human which method consists essentially of administering to said human an amount of a non-depleting anti-CD4 monoclonal antibody and one or more immunosuppressive agents sufficient to induce said immunological unresponsiveness within said human.

40. The method according to claim 39 wherein said antigen is selected from the group consisting of transplantation antigens and immunoglobulins.

D³ 41. A method of inducing long term immunological unresponsiveness to a specific autoantigen, in a human in need of said induction, which method comprises administering to said human an amount of a non-depleting anti-CD4 monoclonal antibody, or antibody binding site-containing fragment thereof, sufficient to induce said immunological unresponsiveness.